

## Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors      PO ID PO32456      Receipt Dates from 6/6/2016 to 6/6/2016

Total Received Quantity:	4.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	0.0000
Total Balance Due Quantity:	0.0000

200 Aurora Industrial Pkwy  
Aurora OH 44202-8087  
330-995-5500  
cle.sales@mcmaster.com

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada  
Attention: Chantal Lavoie

Purchase Order  
**PO32456**

Order Placed By  
**Chantal Lavoie**

McMaster-Carr Number  
**3738720-01**

Page 1 of 1  
06/03/2016

Line	Product	Ordered	Shipped
1	<b>6546K999</b> Extruded 6061-T6 Aluminum Rectangular Tubing, , 1" X 1-1/2", 1/8" Wall Thickness, 6' Length, , ** with Material Certificate **	<b>4</b> Each	<b>4</b> ✓

*Shipped 6-8*



Sapa Industrial Extrusions  
1550 KIRBY LANE  
SPANISH FORK, UT  
84660-1349

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

RYERSON PROCUREMENT CORP  
PO BOX 91601

LUBBOCK, TX - 79490

Ship To Customer

RYERSON PROCUREMENT CORP  
2580 TECHNOLOGY DR

ELGIN, IL - 60123

## Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101063530	2	4500746888-2	SAPA2449369	1 of 2
			Cert Creation Date	Cert Print Date
			29-MAY-16	29-MAY-16

Quantity Shipped	Date Shipped	Item Description	Specification
1074 LB	29-MAY-16	Extruded Hollow Rect. Tube 1.000 H x 1.500 W x 0.125 WALL	ASTMB221 REV 14 ASMESH221 REV 09 AMS-QQ-A-200/8 REV A
B/L	Item No.	742803	72.5 IN LN FIN M-MILL W/F 661 F 14 CS 1.8
Delivery Id	Item No. Rev	4790684	6061/T6 Marking CONTINUOUS.
CustomerPart No.		300038850	

Applicable Specifications, Revisions and Exceptions

ITAG: MCMMASTER

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

### Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title  
  
Justin Donald  
Quality Control Manager  
29-MAY-16

### Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
G14-PKGI802861	22480616	132	PCS	Gross	Net
G14-PKGI802862	22480616	132	PCS	548	537

### Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25



Sapa Industrial Extrusions  
1550 KIRBY LANE  
SPANISH FORK, UT  
84660-1349

## Certified Inspection Report

Sales Order Number 1101063550	Line No. 2	Customer PO 4500746888-2	Cert Number SAPA249369	Page 2 of 2
			Cert Creation Date 29-MAY-16	Cert Print Date 29-MAY-16

Alloy	Ti		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.15

### Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
S16051608	0.74	0.35	0.23	0.06	0.85	0.05	0.06	0.02	--	--

### Mechanical Property - Test Limits

Test Type		UTS - L		TYS - L		EL 4B-Long		
UOM		KSI		KSI		PCT		
# of Test		--		--		--		
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6	22480616	2	45.0	45.2	41.1	41.9	10.0	12.0

### Cert Notes

Material manufactured to T6S11 specifications also meets T6 requirements.

All elements are represented in the chemical analysis section. The remainder is Aluminum.

All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6062 alloy.

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1

Material produced in compliance to EN 10204 3.1

Melted in USA or Qualifying Countries (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225-872-1

Manufactured in USA

Manufactured in the United States



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO32456**

Purchase Order Date 5/24/2016

PO Print Date 5/25/2016

Page Number 1 of 1

**Order From :**

VU-MCM001

MCMaster-CARR SUPPLY CO,  
P.O. BOX 7690  
CHICAGO, IL 60680-7690  
US

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**E-MAILED**

**MAY 25 2016**

**Contact Name**

**Vendor Phone** 330 995 5500

**Ship To Contact**

**Ship To Phone**

**Ship Via:** Purolator ground ppd

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 10

**Currency**

USD

**FOB**

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
			Promise Date				
1	71900-90	6546K999 6061-T6 ALUM RECTANGLE TUBE 1/8" X 1" X 1-1/2"	6/1/2016		4.00	\$35.00	\$140.00
			Yes		Each		
		MATERIAL CERT REQUIRED	6/1/2016				

**Deliver To:** CHANTAL

**Line Total:** \$140.00

**PO Total:** \$140.00

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:** 2

**Change Date:** 5/25/2016